QUEER STUDIES IN CIPHER. MEANING COMBINATIONS MEANING CHURLS.

Examples of Early Ciphers-Ingentons Dewices of Later Origin-The Plate System
-Can a Cipher Be Devised that Cannot
Be Solved t-The Type-Writer Cipher,

can a Cipher Be Devised that Casses
the Solvest to The Type-Writer Cipher.

The first of cipher writing is as old as letters. There never was a time since man first began to communicate with his first which has been as the communicate with his first which has been as the communicate with his first which has been as the communicate with his first which has been as the communicate with his first which has been as the communicate with his first was here. The article the conceal under their mass a secret message. The ancients had many extense of ciphers, rabbinical lore being fail it them. When Barbion was a thring town between the Barbion was a thring t

The somme article the being a frequently recurring word in English composition, might be taken as a starting point in the examination of the above cipher. The cibher gay occurs three times. The inherence that this stands for the is natural, and this supposition would be specified by thuract that this stands for the is natural, and this supposition would be specified by thuract that this stands for the is natural, and this supposition would be specified by the supposition to be correct and the identity of he echaracters discovered and the identity of he echaracters discovered and an application of the law of proportion could not an it of the theory of the echaracters of the major of the interest of the standard of the interest of the served the enigma in even an easier way. After selecting gay as the representative of the two words were in an alphabet extended the supposition of the interest of the standard of the selection gay as the representative of the two words were in an alphabet witch forward and backward in columns, that the cipher was based on a simple inversity of the subhabet. The following is the solution it:

"Bosaltens," Larrived at the test of the evening of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the non-the of the second day after the fill the fill the non-the of the second day after the fill the fill the non-the of the second day after the fill the fill the non-the of the second day after the fill the fill the non-the of the second day after the fill the fill the fill the non-the of the second day after the fill the fi

The following is the solutions it:

"ROSALINDS: Larrived at ome on the evening of the second day attest left lendom. I
am quite well, and have noting new-to report.
As this is the only way i candommunicate with
you, my letters will necessally be very short.
You may look for another san soon.

"Your James."

The transposition of the iphabet is a common form of eigher. The femoval of a from the beginning so the end of the alphabet and the substitution of b. c. an/d for a. b. c. and so on, is an gasy matter, and fith fittle practice a cipher based on that sysm could be readily perused, but it would still nobody who knows aprinting about elfography. A device of the strain of the stress of the alphabet by lour pages, bot factures. Thus he wrote d for a, c for b, id so on. Then the component letters of the siphabet of the strain of the stress of the siphabet of the strain of the stress of the siphabet of the strain of the stress of the siphabet of the strain of the stress of the siphabet of the strain of the stress of the siphabet of the strain of the strai

Tithing

To decipher this tay the first letter of the first little, then the first letter of the last line, then the last letter of the last line, then the last letter of the last letter of the last letter of the last letter of the second line, at so on with the second and thirds as so we the first and last. The riddle, doing solved light we that familiar sentence from "Henry First Latin Book:" "The Caristians will not ar death."

The following is jother method of putting that sentence into systematical language:

Take Cycling lifection

Table Cycliffor Disealer Wiolest Luopenjero Tie Aartd Exzafgt b. Here a number non-significant letters are thrown in to mission and the significant letters are placed in the significant letters of the groups of there set down. But these are simple affair and do not long puzzle the investigator. Left Bacon, who was the most renowned of cipir experts, said that the three essential spropages of a cipher are: First, facility in executor: second. extreme difficulty in solution; this, clearness from suspicion. All strong ciphe; are based on these principles, and the met danacrous cipher, therefore, is the one with is simplest complexion. More skill is required residing the ciphers of today than was of demanded before, notwithstanding the hors general use of cryptography in from times. The enveloping of a ciper in mysterious signs no longer puzzle the expert, as sign systems are with but Atlo investigation determined, and then the duestion of arrangement alone puzzles. Signs inmoly confuse the remitter and receiver, ampaffle the investigator not at all. Bacon considered a cipher with but two letters. Therewoo, a and b, by means of repetition and trapposition in live places, may be made to assume thirty-two differences. This is cited to slow that while arbitrary, uncouth signs may resent a terrible appearance, they do not add the real difficulty of the solution, and enour may be done with common letters to make afficape of solution vain. Here is a either wife time of the remitting all receiving parties;

CBB, AC, BAC, AAB, CCC, CBC, BBC, CCC, AAB, BA, BBC, CAA, AAC.

The foowlag is the key to this system:

A BB CC AB AC BC CB CB. assential propeges of a cipher are: First, active in executor: second. extreme difficulty

A	a	6	С	d	•	f	g	h
В	ï	k	1	m	n	0	р	q
1	,	8	t	u	v	w	×	у

The message is, "Send two thousand more."
The first letter, "s," is found in the second colum, last row of the keyboard. The letter at
the beginning of the row is C; those at the top
officium, BB. S. therefore, is written CBB.
The letter c is in the first row, fifth column. It
is the A row, the AC column, and is written
AC. The whole message is thus plain readisc. In writing it the letters are separated for
the canvenience of the reader.
The single it the letters are separated for
the canvenience of the reader.
The single would be more mistifying were
the letters thrown altogether or separated inliseriminally, as
GEBAA CBACAAB CCCCBC. Ac., or
CBBAA CBACAAB CCCCBC.
The single first is an interesting one.
Bupposing the key to be 1 2 8, the message is
written flus:

Obsering the figure that stands over the first letter of the message, count that number of letters feward from c and write down the result, driven the ligure over the next, and count feward two rom o, and you have g. Continu this, and your cipher will be:

depowper will be:

depowper will be:

depowper the investigator is puzzicely the fact, that any one of the cipher letters may cover a number of the true ones, as can be seen in the word "once," which is composit of two ps and two fs.

The fedowing cipher might be used by lovers. By thelpessage is: "When and where may I see the again?", Write it in squares:

1	2	3	4	5	6	7
w	h.	e	n	a	n	d
w	h	e	,	е	m	a
у	1	s	0	e	t	h
0	e	a	g	a	i	n

cally. Say, for instance, the order to be 6, 5, 4 3, 7, 1, 2. The message would read; pmtiaceanreses adahnwwych

5.7.1.2. The message would read:

In miliae an inference and a him willy him.

In miliae an inference and a him willy him.

which would be quite unsatisfying to any one intercepting the missive. The confederates must arrange as to the order in which the squares are to be placed as well as that in which they are to be read, as, of course, the squares will vary with the number of words employed.

Some years ago an attache of the British War Department invented a clother which he claimed to be associately proof agrainst solution. The system was adopted by several nations, and is used to some extent still. It involved the use of a plate something like a stencil, punctured with holes. The message was written through the opening in this plate, and the receiver, nessage through the apertures. After the letters of the message were written, the writer would take the paper containing them and write in other words. So as to form an entirely new set of words. The message, thus written, would appear simple and unimportant, but when the plate was faild upon it, and only the significant characters read, quite a different aspect would be put upon it. Take the following message, for example, and consider the indic characters to have been stencilied, the Roman to have been flied in:

Proceed, but do not fall within John's lines.

The message will be seen to be: "Put no faith in Jones."

The place system fulfils Bacon's requirements admirably, but the idea is an old one.

	- 1	2	3	4	5
1)		Ь	С	d	е
2	f	g	h	i	k
3	1	m	n	0	p
4	q	r	8	t	u
5	v	w	×	у	z

return instantly

Then take the keyboard and write down for each letter of the message the figures that will indicate where that letter is to be found. Beginning with r. which you find in the second column and the fourth row, write 2 for second column and 4 for fourth row, and you have 24 as the equivalent of r. The next letter of the message e is in the fifth column, first row, and becomes 51. Continue and you will have the following line of figures:

24514454243342333444113

344135.

Then apply the same method to the key word, the first letter of which, r, is in the first column, fifth row, and is represented by 15. Write the figures under the line above, repeating the key word until the ligures equal in number those of the message. Add both lines of numerals and the result will be:

396267975854587457445787458

This makes up the message, and the receiver of the message, knowing the key word, will reduce the key word to figures and substract ine same irom the figures given in the message, and will then seek in the keyboard the equivalents of the numerals thus secured, and thus learn the words of the message.

From the Buston Transcript.

learn the words of the message.

From the Button frameript.

"A great improvement has been made in type-writers within the past few years."

A dealor in these articles was explaining their mechanism to a reportor.

"Even now they have been so far perfected that an expect writer can turn out copy much faster than by using a pen. A new departure, however has been made. An Inglishman has invented an ing-mous method of producing a cipher or secret communication by mechanical means. It is adapted for use on type-writers or similar writing machines where the type or corresponding index scale, dial, or pointer is capable of being moved or adjusted. The type-writing machines to be used for the purpose are made in durilicates, so that the two index scales correspond with each other in the arrangement of their characters, but differ from any other pair of machines. Since the index scale is adjustable, it may be shifted in two corresponding machines, so that one or more of the characters is moved out of its normal position and, in consequence, when the operator strikes a certain letter on the keyboard another totally different will be printed. These he can continue and write out an entire letter, which to the uninitiated will seem like nothing more than a conused jumble of characters. To decipher whatever has been written it is only necessary for the individual who has the clue to shift the index scale in the opposite direction from that used by the original operator, and then, by striking on the keyboard the characters of the secret communication, the correct message will be printed."

FINANCIAL AND COMMERCIAL

New York Stock Exchange-Sales Nov. 17. UNITED STATES AND STATE SONDS (IN \$1,000-1, 10 S. C. Cs. Brown on 1963-4) 10 So. Car. Cs. N. P. ... 834

CLOSING PRICES OF U	NITED STATES PONDS.
U. R. 48, c 12714 11854 U. R. 48, c 12734 11854 U. R. 48, c 12734 11854	U. S. da. 1895121 U. S. da. 1895124 U. S. da. 18951274 U. S. da. 1898139 U. S. da. 1898139
BAILBOAD AND OTHER	BONDS (IN \$1,000s)
1 Atl. 2 Pac. in. 20% 5 Atl. 3 Pac. in. 20% 6 Atl. 4 Pac. in. 115 1 Ch. 4 G. Conter. 133 1 Ch. 4 G. Conter. 273 1 Ch. 5 G. San 1022 1 Ch. 8 G. San 1022 2 Ch. 8 G. San 1023 2 Ch.	6 Kan. C. & O. 1st. 99 5 Long Dock 6s 111 5 Mor. & Es. 1st. 611, 1st 6 Mor. & Es. 1st. 611, 1st 6 Mor. & Es. 1st. 611, 1st 7 Mor. Pac. 3d c. a. 20, 101 12 N. Y. Ch. & St. L. a. a. 9 2 Orr. & T. C. 1st. 10, 1st 2 Kr. & C. 1st. 10, 1st 2 Rock 1st. 6s. 133 17 Rock 1. a. 255 18 Rock 1st. 6s. 133 19 Rock 1st. 6s. 133 10 Rock 1st. 6s. 133 11 Rock 1st. 6s. 133 11 Rock 1st. 6s. 133 11 Rock 1st. 6s. 133 12 Rock 1st. 6s. 133 13 Rock 1st. 6s. 133 14 Rock 1st. 6s. 133 15 Rock 1st. 6s. 133 16 Rock 1st. 6s. 133 17 Rock 1st. 6s. 133 17 Rock 1st. 6s. 133 18 Rock 1st.
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LATEST QUOTATIONS FOR BANK STOCKS. Park
People's
Phenix
Republic
Fentward
Second Nat
Feventh Nat
Fiventh Nat
Shoe a Leath
St. Nichoise
Fute of N Y
Trutesmen's
United States.
Western Nat. OTHER DIACTIVE STOCKS.

| Albany & Sus. 154 | 156 | Asked. | Clearing. | Clearing. | Eld. Asked. | Albany & Sus. 154 | 156 | Asked. | Albany & Sus. 154 | 156 | Asked. | Albany & Sus. 154 | 156 | Asked. | Albany & Sus. 154 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Sus. 156 | 156 | Asked. | Albany & Albany

SATURDAY, Nov. 17. No one at all familiar with railroad affairs will question the accuracy of the deduction that when all of the railroad managers of the country are determined upon the establish-ment of profitable rates they are pretty certain to accomplish their purpose. The time has at last arrived, after a long and distressing period of cutting and quarrelling, when the executive officers of our transportation lines, from one end of the country to the other, have almost to a man decided to adopt a more sensible policy than they have been pursuing. We assert without the elightest fear of contradiction that Mr. Jay Gould is seriously committed to this policy; so are the managers of the Atchison system, of the Southern Paclife, of the Rock Island, of the Chicago, Burlington and Quincy, and, in fact, of all of the great Trunk lines of the Northwest and Southwest, while the action of the managers of the Vanderoilt properties during the past week leaves not the slightest doubt of their attitude in the matter. If any one entertains any doubts on this last point the sooner he dismisses them the better for his correct estimate of the situation. It is no longer a question of the supremacy of this corporation or that one, but of fair remunerative rates for all, and this having been determined upon, the great question that the managers and the financial interest that is rapidly making itself more influential in corporate management are discussing, is how to

eration a comprehensive plan for regulating holders as well as of shippers that seems very simple in principle and likely to be effective in operation. It is to run all their competitive business through a clearing house, the super-vision of which shall be in the hands of persons outside of the management of any one of the companies. It is also proposed to place the making of rates in the hands of these arbitrators or of a Board consisting of the Presidents of the various roads. The penalty proposed for the proven violation of the schedule rates is the dismissal of the official guilty of such action, no matter whether he be the gen-eral traffic manager or the humblest freight agent. Another plan that meets with favor. especially among the large interests in the Granger and Trunk line roads, is to vest the rate-making power entirely in a Board of control consisting of the Presidents of the lines occupying a specified territory. An important detail of this plan is that no President shall be allowed to act independently of the decision of the majority of the Board of Control

RIDLEYS

Grand Street, New York.

COMPLETE ASSCRIMENTS AND LOWEST PRICES

GARMENTS AND

LADIES' AND MISSES'

WRAPS AND JACKETS. WE ARE SHOWING THE LARGEST LINE OF LONG

GARMENTS IN THE CITY: PEASANT CLOAKS IN STRIPES AND PLAIN COLORS, \$22 50. FINER BEAVER LONG GARMENTS, GOBELIN, BED AND ROYAL BLUE, BRAIDED, ANGEL SLEEVES, LADIES' STRIPED, CHECKED, AND MIXED CLOTH

NAME OF THE BLE SLEEVES, PLAIN, ALSO WITH CAPES, \$1.50, \$1.90, AND \$3.
LADIES FINE ENGLISH SEAL PLUSH SACQUES, TAILOR FINISH, AT \$25; WORTH \$35.
LADIES SEAL PLUSH JACKETS WRAPS, AND MODJESKAS AT \$12.70, \$16, AND \$1M.73.

300 FINE TAILOR-MADE JACKETS.

PLAIN AND WITH VESTS, AT \$4.50; WORTH #9.

MISSES FINE SAMPLE GRETCHEN GLOAKS, AGES 6 TO 12 YEARS, AT \$7.50; WORTH \$12. 200 MISSES GOOD CLOTH COATS SHIRRED OR KILT SKIRTS, CAPE AND BELT, AT \$3.90; WORTH MISSES' NEWMARKETS, CAPE AND FULL BACK,

IN STRIPE AND CHECKS, AGES 12 TO 18 YEARS \$1.90. MISSES' FINE TAILOB-MADE LONG GARMENTS, WING SLEEVES AND BRAIDED, AT \$12.75, \$15,

LADIES' AND MISSES' HATS.

NEW DESIGNS IN SOFT CROWN BONNETS, TOQUES, AND TURBANS, IN FINE SILK VELVET, SILE PLUSIL AND VELVETEEN, ALL CHOICE COLORS, AT \$1.3% ENGLISH FELT HATS, NEW SHAPES, ALL COL-

FRENCH FELT HATS AND BONNETS, ALL COL-MISSES' STEAMER CLOTH CAPS, 28c. AND 88c.

ONE LOT TRIMMED HATS AND BONNETS

FOR LADIES AND MISSES, ALL COLORS, at \$1,50.

LADIES' FULLY TRIMMED HATS AND BONNETS, HAVE BEEN. \$3.98 84.08 \$6.50 \$8,00

POPULAR TURBAN, SHIRRED CROWN, PUFF BRIM, RICH RIBBON, PANCY FEATHER, AND ORNAMENTS, AF \$3.50; WORTH \$8.

OUR FINE IMPORTED BONNETS

ALL REDUCED. AT STOOL HAVE BURN

AT \$12.50; HAVE BEEN 21.00

4-BUTTON "MALTA" BLACK KID GLOVER, EM-BROIDERED BACKS (4 STRANDS), AT \$1.20 A PAIR.
+BUTTON COURVOISSIER (GANT MARSY) BLACK The Southwestern roads have under consid. | KID GLOVES AT \$2.10 A PAIR.

F BRAND 5-HOOK GLOVE, 850. PAIR. P BRAND THOOK GLOVE, 950, PAIR 000 BRAND 5-HOOK GLOVE, \$1.25 PAIR, 000 BRAND 7-HOOK GLOVE, \$1.50 PAIR, NEW PAIRS GIVEN FOR ALL THAT RIP OR TEAR

WHEN FIRST TRIED ON. BOYS' AND MISSES' FUR-TOP GLOVES, LINED, PATENT BUTTON PASTENER, 75c. PAIR.

MEN'S LINED GLOVES, \$1, \$1,25 \$1,50 UP.

309, 311, 311 1-2 to 321 GRAND ST., SG to TO ALLEN, SP to 65 ORCHARD ST. HONEYCOMB WEAVE COMBINATION, DOUBLE To know that the LONDON & LIVERPOOL CLOTHING CO. will open a retail

SMALL PLAIDS AND STRIPES, AT 466. A YARD

WORTH 80c.
ALL WOOL FRENCH CASHMERES, ALL COLORS. STACE SEBASTOPOL, ALL WOOL, 40 INCHES

JERSEYS.

ALL PERFECT FITTING HANDSOMELY TRIMMED, AND FINISHED, SUPERB

HANDSOME BEADED JERSEYS, \$2.48, \$3.48, AND LOT FOUR HUNDRED MEN'S ELEGANT ALL-

FURS. SEALSKIN GARMENTS.

LONG AT \$110, \$115, \$125, TO \$175, FINE ALASKA SEAL WALKING COATS, 32 TO 88 INCHES LONG, AT \$05, \$103, \$115, \$125,

CHINAWARE.

SQUARE SHAPE, WITH SOUP TU-\$16.99 REEN, TO SEAT 12 PEOPLE CHINA TEA SETS, FLOWER DECORA-) TIONS, 50 PIECES, TO SEAT 12 PEO- \$5.94

CHINA DECORATED FISH SETS, 15) PIECES, 12 PLATES, SAUCE BOAT AND \$4.21 STAND, AND LARGE FISH PLATTER ... ENGLISH PORCELAIN WARE.

ENGLISH PORCELAIN DECORATED DINNER SETS 112 PIECES; \$7.48. ENGLISH PORCELAIN TEA SETS, SQUARE SHAPE, DECORATED, 56 PIECES, AT \$2.75.

AND BRASS TRAY, \$1.50, CRYSTAL ENGRAVED WATER BOTTLES, WITH

TUMBLER, 12c. PIANO LAMPS.

INCH DOME SHADES, AT \$5 50.

56 to 70 ALLEN, 50 to 65 ORCHARD ST.

RICS ALL COLORS AT 60c A VARD, WORTH \$1,25 WIDTH SUITINGS, PLAIN AT 80c.; FANCY. 49c.; VERY CHEAP.

ALL WOOL SCOTCH SUITINGS, PIN CHECKS,

WIDE, 30c.; WORTH 60c.
BLACK SILK WARP HENRIETTAS, \$1.12 A TARD; REDUCED FROM \$1.50.

VELVETS PLUSHES.

IS INCH SILK VELVETS, PERSIAN EFFECTS, ALI COMBINATIONS, THIS FALL'S IMPORTATION, AT 87%. A YARD; HAVE SOLD AT \$1.25 AND \$1.50. BLACK SILK MOLESKIN PLUSHES, 24 INCHES WIDE, OPA A YARD; WORTH \$1.50.

HIGH-CLASS PATTERN

OVER 2,000 GARMENTS DIRECT FROM CELE-BRATED MANUFACTURERS OF BERLIN AND PARIS.

AT 61.68, 81.98, AND COST TO IMPORT FROM \$2.50 TO 55.

PANCY JERSEYS, SUCH AS SCROLL SOP BRAIDED, MILITARY 2.98

ABORATE EFSH 3.98

FINE ALASKA SEAL NEWMARKETS AND BAG-LANS, 55, 56, AND 57 INCHES LONG, \$195, \$225, \$250 FINE ALASKA SEAL SACQUES, 40 AND 42 INCHES

FANCY MAJOLICA GUSPADORES 19c. EACH, GRAVED FERN LEAVES, & TUMBLERS, PITCHER,

PIANO LAMPS, BRONZE FINISH, ALL COMPLETE, DUPLEX BURNERS, CRIMPED TOP GLOBES, \$1.90. PIANO EXTENSION LAMPS, BRONZE FINISH, DU-PLEX BURNER AND SHUT-OFF, DECORATED 10-

PARLOR STAND LAMPS. BOLID BRASS TRIMMINGS, 10-INCH DOME SHADE, RAINBOW DECORATION, AT \$2.37.

309. 3H, 3H 1-2 to 321 GRAND ST.,

months at 4 % cent. Commercial paper in good demand, but the surppy is limited. Prime double-name paper is readily placed at 4½ & cent. and single-name at 555 % cent.

Sterling exchange steady. Nominal asking rates \$4.85% for long bills and \$4.8% for demand. Actual rates, \$4.84% at 4.85 for 60-day bills, and \$4.8% for demand. Actual rates, \$4.84% at 4.85 for 60-day bills, and \$4.8% for sight drafts.

To-day's offers to sell United States bonds to the Government argregated \$29,000 as follows: Registered 4a, \$50,000 at 128, Compon 4a, \$50,000 at 128 h. Registered 4b, \$50,000 at 1085. The acceptances were 4b, registered 1085. The otal amount of bonds purchased to date under the circular of Abril 17 has is \$50,200 at 1085, and 4b, \$50,000 at 1085. The second of the condense of the condense to date under the circular of Abril 17 has is \$50,27,900, of which \$60,007,540 was told for tour per cents. The total cost of these bonds was \$112,340,340, of which \$66,007,540 was told for tour per cents, and \$46,834,950 for four and a half per cents. The weekly bank statement shows:

WANTED,

To know that the LONDON & LIVERPOOL CLOTHING CO., at 86 and 88 Bowery, cor. Hester street, will shortly be torn down and that we shall build at

WANTED,

store for the masses, in which we shall sell everything appertaining to Men's wearing apparel exclusively.

WANTED,

have to remain in our present building, and, as we do not intend to store one dollar's worth of goods away, we shall commence a sale of our remaining stock.

WANTED,

To know that the LONDON & LIVERPOOL CLOTHING CO. means b We shall not look at what our goods cost; we shall turn them into money, me

THE LONDON & LIVERPOOL CLOTHING CO.

Will sell during the coming week, commencing To-morrow, at 9 A. M., and continuing each day till 9 P. M., the following lots:

WOOL CHINCHILLA OVERCOATS, SOLD 843 HERETORE AT \$12.00; Now \$5.25.

SEVEN HUNDRED VERY HEAVY WHIT LOT NEY AND BEAVER OVERCOATS, WELL

792 LINED AND CAREFULLY MADE, SOLD HERETOFORE AT \$13.50; Now 86.50.

ABOUT SIX HUNDRED VERY PINE CAS-

Now \$7.50.

547 ORS, REGULAR PRICE \$15.00;

TOR BEAVER OVERCOATS, IN TWO COL-

1271 OVERCOATS FULL STATE AND BLUE, REGULAR PRICE \$28,004 Now 80.65.

LOT FIVE HUNDRED MAGNIFICENT IMPORT

OVERCOATS, FULL SATIN LINED, SATIN

EIGHT HUNDRED BOYAL STANDARD LOT KERSEY OVERCOATS, SO MUCH HAS BEEN SAID OF THESE CELEBRATED GARMENTS THAT PURTHER COMMENT WOULD BE

USELESS. \$40.00 WOULD NOT DUPLICATE THEME Now \$11.85.

BOYS' OVERCOATS.

DON'T MISS THIS LAST CHANCE, For we shall actually give things away to-morrow. Just fancy all our \$3, 20, and \$10 magnificent Cape Over

\$2.90.

Again we say, don't miss this wonderful sale.

GENTS' FURNISHING GOODS. Ten thousand Sec. Sain scars

Five thousand Undershirts, worth Stc., for.

Ten thousand Sec. Shaker socia for.

Thousands of Suspenders, elegantly embroidered in allk, silver-plated buckles, solid slik ends, worth \$1.00 and

\$1.50 per pair, for WHITE DRESS SHIRTS GIVEN FOR THE ASKING.

HAT DEPARTMENT. Don't buy a Derby Hat until we convince you that every \$2, \$3, and \$6 Hat sold in New York can be pup-

chased here for 59c., 97c., and \$1.20.

Special Notice.—Bring this paper with you and ask our salesmen to show you the Correct lots mentioned in EDW. RIDLEY & SONS, EDW. RIDLEY & SONS, LONDON & LIVERPOOL CLOTHING

86 and 88 Bowery, corner Hester st.

OPEN EVENINGS UNTIL 8 O'CLOCK,

November 1:455 March 10.4c June 10.5ic, Perember 1845c April 10.5 July 10.50c January 0.1c May 10.5c August 10.4c. Pebruary 10.5c

Financial

CHOICE INVESTMENT SECURITIES, paying 6 per cent. I for cent. and or per cent. per amount, for sale. EANDAL A PROTE, 40 Broadway, New York.

MINING STOCK BOOM. ... Shorks And EONES ast quoted on Exchanges

Shorks And Honders, Correspondented at mining camps.

Shorks And EONES ast quoted on Exchanges

Shorks And EONES ast quoted on Exchanges

LAN AL IL POOTE 49 Broadway, New York.

Dividends und Juterest.

EAST TENNESSEE, VIR INIA AND GEORGIA EMILWAY COMPANY. 10 WALL ST. NEW YORK, Oct. 24, 1868.

FACET WORTH AND DENYER CITY RAILWAY COM-PANY I BE ADWAY, NEW YORK CITY. Coupon No. 14 on First Nor yard Rouds of this terminary, fall-ing disc list. I 1900, with the order on the Mercantile Trust Company, 120 Broadway, New York City.

\$50,000 PREST NO PRINCE RAILEDAD bonds and company deskilled rainting road at the recoverable by foreplosing. Hoom a, 110 Pearl street.

A dividend of FIVE C.) PER CENT, out of the not earnings for the facul year ended done 30, 1884, has this day been decared on the Finst PREFERRED STOCK of this form on., rayable at the office of the tumpany on and after Dec. by 1886, to builders of record test 25, 1886. record Get 25, 1888.
L. M. SCHWAN, Secretary and Assistant Treasurer.

Aftorhomessage is written in the squares write macrois over the columns and at the left and shift the rows. Then choose so order is as message, taking the letter verdical rate in the letter verdical

To begin under this system a key word is chosen. Any single word will do. Select the word "vamose," for instance, and say the message is to "return instantly." Write the message first, then place the key word over the letters, as

Total sales of rallway bonds (par value)

Ballacade and others states

Gora States

Sales

Sa Total sales of railway bonds (par value, \$441,00).

detail of this plan is that no President shall be allowed to act independently of the decision of the majority of the Board of Control without the authority of his directors. It is noticeable that in all the suggestions and discussions relative to this matter the tendency to take the rate making power away from the traffic managers and their suberdible. The properties of the decoratization of rates is constantly due to be developed to take the rates and their suberdible. Or we be discusted a very large percentage of the decoratization of rates is constantly due to the control of the rational who have no interest in them other than their saintries, and whose innelling to engreeat the irrights of month. They are influenced very largely by their constant association with their rates whom the saintries. A development that will doubless persentiate the progress in the direction indicated above has the rest of the rate of the ration of the properties of the ration of the properties of the ration of the properties of the rational of the properties of the properties of the rational of the properties of the prop

In bank stocks 5 shares of Chomical sold at 3.805. 26 shares of Gallatin at 256, and 50 shares In the New York Consolidated Stock and Petroleum Exchange In the University Department of the U